

Blood Bag Centrifuge



Introduction:

The blood centrifuge is large capacity low speed refrigerated centrifuge, a ideal equipment suitable for blood stations, hospitals at all levels, biochemistry, biological products and other production and scientific research units to use for blood separation, protein precipitation, cell separation and collection.

Features:

- * High power AC frequency conversion motor direct drive, high precision, low noise, long service life.
- * Integral metal structure with multi-layer explosion-proof design, stainless steel centrifugal chamber combined with multi-stage shock absorption structure, to ensure the stable running and the safety of staff.
- * Adopt high efficiency and environmental protection refrigeration system, precise temperature control, no environmental pollution.
- * Microcomputer control, large color display. Programs can be compiled and stored, and speed, centrifugal force, time can be displayed at the same time.
- * 10 kinds of speed curves, 30 kinds of free programs can be variable and stored to meet different experimental needs.
- * Tri-grade adjustable damper, centrifugal effect to achieve the best, with electronic door lock, over-speed, over-temperature, automatic fault diagnosis function, multiple protection to ensure man-machine safety.
- * Equipped with a variety of rotors and adapters, 0.5-500ml adapters can be customized according to different experiments.
- * It can centrifuge 8*200ml or 4*400~500ml blood bags at one time.
- * Optional automatic rotor recognition.

Technical Parameters:

| | |
|----------------------|--|
| Model | BKC-VL8RD |
| Max. Speed | 7000rpm |
| Speed Accuracy | ±20 rpm |
| Max. RCF | 10956×g |
| Max. Volume | 4*1200ml |
| Refrigeration System | CFC-free compressor |
| Timing Range | 0~99min59s |
| Temp. Range | -20℃~+40℃ |
| Temp. Accuracy | ±1℃ |
| Noise | ≤60dB |
| Power Supply | AC220V/50Hz(Standard); AC110V/60Hz(Optional) |
| Rated Power | 1500W |
| External Size(L*W*H) | 670*820*900mm |
| Package Size(L*W*H) | Main instrument: 920*760*1100mm Rotor: 600*600*320mm |
| Net Weight | 210kg |
| Gross Weight | Main instrument: 250kg(220V), 260kg(110V) Rotor: 25kg |



Rotor:

| NO. | Type | Max. Capacity | Max. Speed(rpm) | Max. RCF(×g) |
|----------|------------------|-----------------------|-----------------|--------------|
| NO.8D001 | Angle Rotor | 4*500ml | 7000 | 8897 |
| | Adapter | 4*100ml | | |
| | Adapter | 4*3*50ml | | |
| | Adapter | 4*8*15/10ml | | |
| NO.8D002 | Angle Rotor | 18*50ml | 7000 | 7121 |
| | Adapter | 18*15ml | | |
| | Adapter | 18*10ml | | |
| | Adapter | 18*3*1.5ml | | |
| NO.8D003 | Angle Rotor | 32*15ml | 7000 | 7300 |
| NO.8D004 | Swing Rotor | 4*1000ml | 4000 | 3989 |
| | Adapter | 4*26*2~5ml | | |
| | Adapter | 4*15*15~10ml | | |
| | Adapter | 4*5*50ml | | |
| | Adapter | 4*3*100ml | | |
| NO.8D005 | Swing Rotor | 4*1200ml | 4000 | 4025 |
| | Adapter | 4*400~500ml blood bag | | |
| | Adapter | 8*200ml blood bag | | |
| NO.8D006 | Microplate Rotor | 4*2*96well | 4000 | 2952 |
| | Adapter | 4*32*1.5ml | | |
| NO.8D007 | Angle Rotor | 4*300ml | 6000 | 5390 |
| NO.8D008 | Angle Rotor | 6*300ml | 6000 | 5660 |
| NO.8D009 | Swing Rotor | 6*500ml | 4000 | 3400 |